

10016008

PATENT

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## **LINES AND CABLES IN MOTORCYCLE FRAME TUBING**

### **ABSTRACT OF THE DISCLOSURE**

The present invention is directed to reducing the amount of exposed hydraulic lines and the like in a vehicle such as a motorcycle. Embodiments of the invention utilize the frame tubing to route the hydraulic lines through the frame to different parts of the vehicle. Different fittings are used to connect the hydraulic lines from the frame tubing to external lines. In accordance with an aspect of the present invention, an apparatus for routing a line through a vehicle frame tube comprises a line including an end portion configured to protrude from a side opening through a wall of the vehicle frame tube. The end portion of the line has at an end a fitting for coupling with an external line. A tube extension is configured to be attached to the wall of the vehicle frame tube around the side opening and to surround the end portion of the line. The tube extension is coupled with the fitting at the end of the line.

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